Custom Development

Functional Specification – Definition	
(Please do not modify the data in this table, it is set on the server using the Properties Page, then populated here)	
Phase	Analysis
Start Date	January 1, 2001 12:00:00 AM PST

Functional Specification – Definition (cont.)			
Start Date	January 1, 2001 12:00:00 AM PST	Stop Date	October 25, 2004
Priority	priority not set	Deliverable ID	OIFPY047

Functional Specification – Header	
Associated Activity	N/A
Technical Design	N/A

Related Documents

Please insert links to related Documents (Process Model Reference)

Related Document	Comment
OIFPY047.outbound.mapping.xls	Data Mapping document
IIFPY033.functional.spec.doc	IIFPY033 Functional Design
evs2002.doc	SSA EVS Specifications booklet

Functional Specification Description

This document describes the outbound Employee Verification Service interface from the Washington Department of Personnel SAP R/3 system to the Social Security Administration Employee Verification Service.

The interface sends employee data to the SSA Employee Verification Service for processing to verify accuracy of Social Security number, employee name, date of birth, and gender. The ABAP/4 program will use the PNP logical database to retrieve a set of employees. The set of employees will be all employees paid through the SAP R/3 payroll process during the time period for which this interface is being run.. The interface will output records in the format prescribed by the Employee Verification Service.

The inbound interface (IIFPY033) will process the results of the verification process, followed by reporting to list verification failures.

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Development Information

Estimated Hours: 88
Tech Design - 14
Build & Test - 74

Estimated Production Date: 01/01/2005

Comments: N/A

Development Complexity (High/Medium/Low): Low

General Requirements

Assumptions:
1. The output file from this interface will be placed on the SAP server. A secure FTP process will either PUT or GET the file to the State of Washington mainframe. A mainframe job will transfer the file to magnetic tape, after which the tape will be sent to the SSA Employee Verification Service.

Audit/Checks:
1. The outbound interface will update the execution log table with the number of records sent to the SSA.
2. The outbound interface will generate an audit report detailing any data discrepancies discovered while generating the interface file.

Transaction Volume: 76,600 average

Frequency (Annual/Bi-monthly, Daily, Hourly, Quarterly, Semi-Annual, Weekly): Annual

Processing Type (Batch/On-Line): Batch/On-Line (Normally batch)

Initiating Process: A scheduled batch job is run in SAP, or the interface may be run On-demand.

Initiating Transaction/Program: None

Distribution: None

Output (Online/Print/Spreadsheet): Online/Print depending on execution mode

Summary Level (Detail/Drill Down/Summary): N/A

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Audience:
See Destination Source System Contact(s) below.

Module: PA

Retention Requirements:

From System(s): State of Washington SAP R/3

To System(s): Social Security Administration Employee Verification Service

Responsible Organizations

	Name	**Phone #**	**Location**
Process Owner	Susan Sparks	360-664-6366	DOP
Source System Contact	Todd Jenkins	360-664-6372	DOP
Destination System Contact	Unknown	410-965-1740	Social Security Administration

Existing / Sample Programs, Reports, & Forms

Job/Program Name:
  o   A6039111/ B1113848

Menu / Transaction:
  o   CA7 Schedule controlled triggered into CA7 upon successful completion of A0139111

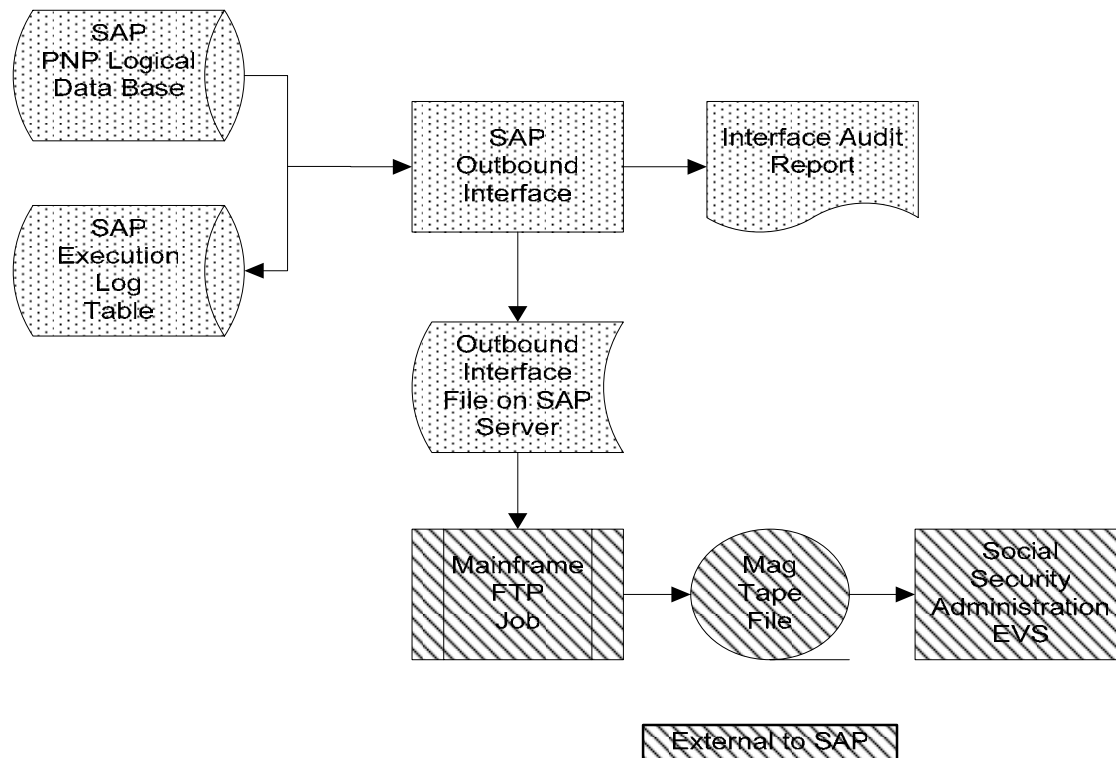Legacy Report/Form name: N/A

Legacy Program Title: N/A

Legacy Report/Form Number: N/A

Related Transactions: None

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Design

Process Flow Diagram (insert link or paste Visio schematic):

Detailed Description:

The interface program will retrieve employee information using the PNP logical data base. It will retrieve all employees that have been paid through the SAP R/3 payroll process in the current year, by checking the proper yearly results wagetype (LGART=/101) in the CRT table.

The interface program will build an internal table, one row per employee, formatted as prescribed by the EVS specification and the data mapping section of this document. The employee number (pernr) will be placed in the EVS field named User Control Data, left-justified with leading zeroes. Personnel area will be placed in the same field, immediately following pernr.

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During execution the program will track any data discrepancies encountered in an internal table that will serve as an audit log, e.g., a missing infotype occurrence that is critical to completion of the interface record.

At End of Selection, the program will place the contents of the EVS-formatted internal table in a file on the SAP application server and will update the execution log table with record counts as appropriate. It will create an audit log report using the ALV grid.

Performance Considerations: None

Security Requirements: None

Mapping: Refer to the Social Security Administration EVS2002.doc file in MDM for additional information if needed. OIFPY047.outbound.mapping.xls

Design Constraints: None

Report Layout: The ALV Grid should be used for the interface audit report. If the interface is executed in the foreground, it will display in the grid. If it is executed in the background the spool file will contain the report contents in normal text.

The messages shown in the report layout are indicative of the kind of messages that should be output. There may be additional messages that should be included based on the technical design specification.

Washington State Department of Personnel
SSA Employee Verification Service Outbound Interface
Audit Report

Rundate: 05-06-2004

Message1	Message2	Message3
Employees Input:	###,###	
EVS Records Output:	###,###	
Employees with Discrepancies:	###,###	
Employee	########	Could not find infotype 0002

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Selection Criteria: Standard selections provided by logical database PNP including but not limited to personnel area.

Main Heading: N/A

Sub Heading: N/A

Totaling: N/A

Sorting: N/A

Page Breaks: N/A

Extraction Method (IDOC/Custom ABAP): ABAP

Extract File Layout: See mapping

Load Method (IDOC/BDC/ Direct Table Update): N/A

Load File Layout: N/A

Interface Type: Outbound

Post Interface Activities: Inbound Interface from SSA (IIFPY033)

Testing Requirements
Key Business Test Conditions:
1. Delete infotype 0002 for an employee and check that a warning message is generated in the audit report.

Error Handling
Potential Errors:
1. Data discrepancy because of missing infotype.

Notification Procedures:
Internal – HRISD production services checks interface batch job status and reviews audit logs as part of normal operating procedures.

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External – Email is sent to DOP when outbound interface files have been moved to the secured FTP server at DIS (ValiCert).

Outstanding Issues or questions

1. Creation of the application execution log table are prerequisites to completion of the interface. Resolution: The interface currently updates the execution log tables, ZHREXECLOG_HDR and ZHREXECLOG_DTL, and outputs the results on the audit report.

Revision History

Date	Section	Description of change
7/15/2004	Functional Specification Description	Modified
7/15/2004	Development Information	Estimated production date updated
7/15/2004	General Requirements	Audience modified
7/15/2004	Error Handling	Notification procedures modified
7/15/2004	Outstanding Issues or Questions	Question #1 resolution added
10/17/2004	Related Documents, detailed description, outstanding issues or questions	Changes resulting from functional design walkthrough and interface discussion sessions.

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